

Notice of Allowability

Application No.

10/809,353

Examiner

Dung Nguyen

Applicant(s)

WANG, CHAUNG-CHI

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment date 06/22/07.
2. ☒ The allowed claim(s) is/are 1-9,24-35,37-40 and 42.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 9/13/07
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Applicant's amendment dated 06/22/2007 has been received and entered. By the amendment, claims 1-9, 24-35, 37-40 and 42 are now pending in the application.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wen Liu on 09/13/2007.

The application has been amended as follows:

Claims 1 and 2 have been rewritten as follow:

1. (Currently amended): A liquid crystal display panel, comprising:

a substrate;

a first set of electrode layers;

a second set of electrode layers, wherein the first set of electrode layers comprises electrodes supported by the substrate and the second set of electrode layers comprises electrodes supported by the same substrate;

a thin film transistor, wherein only one of the first and second set of electrode layers is operatively coupled to the thin film transistor to correspond to an active matrix mode, and the other one of the first and second set of electrode layers corresponds to a passive matrix mode, wherein the first set of the electrode layers or the second set of the electrode layers are activated optionally to create images.

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2. (Currently amended): A liquid crystal display, comprising:

a panel, comprising:

a substrate;

a first set of electrode layers;

a second set of electrode layers, wherein the first set of electrode layers comprises electrodes supported by the substrate and the second set of electrode layers comprises electrodes supported by the same substrate;

a thin film transistor, wherein only one of the first and second set of electrode layers is operatively coupled to the thin film transistor to correspond to an active matrix mode, and the other one of the first and second set of electrode layers corresponds to a passive matrix mode, wherein the first set of the electrode layers or the second set of the electrode layers are activated optionally to create images.

Reasons for Allowance

Claims 1-9, 24-35, 37-40 and 42 are allowed

The following is an examiner's statement of reasons for allowance:

The references of record neither disclose nor make obvious a liquid crystal display device comprising a combination of various elements as claimed, more specifically of only one of the first and second set of electrode layers is operatively coupled to the thin film transistor to correspond to an active matrix mode, and the other one of the first and second set of electrode layers corresponds to a passive matrix mode to create images as set forth in claims 1-3, 35 and 42.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung Nguyen whose telephone number is 571-272-2297. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DN
09/17/2007

/Dung T. Nguyen/
Dung Nguyen
Primary Examiner
Art Unit 2871